IT BOOK

ensions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
		Total Rs 69,90,283-00	
		IT - 139806-00	
		Cess - 69903-00	
		CBF - 6990-00	
		LR - 68505-00	
		FSD - 349514-00	
		Adj - 634718-00	
		Cheque 63555565-00	

I st and Final Bill

Work Code. 005-18-000086

Est Cost Rs - 25.71 Lacs

M. A. R. 57 (Rule 116)

Measurement Book

No. B 356031

Serial No. .....

Name of Work ... Construction of Compound Wall Chainlink Fencing to vehical Parking dismantling & existing building and Beautification Works to Indira Canteen building in Ward No. 05 From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name & Contractors -		Executive Engineer KRIDL				
			280.59 M cross Road. 17 M c Main Road 3rd & Block. Rajajinagara. Bangalore. 560010.				
	Work order No. - BBMP/EE/BTP/WO/120/2018-19.						
1	Dismantling Mangalore tiles roof and stacking the materials within a radious of 50 mtr with respect & keeping ese-contents as per specification and direction of Engineer in charge & the work ese- complete as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre-Measurment recorded vide Page no.. 356 078					in this MB. 40.00 M²	2030 : 40
	Rate - 50 : 76						
(2)	Dismantling Mangalore tiles roof and stacking the material within a radious of 50 Mtr without keeping etc.. complete as per Specification and direction of Engineer incharge of the work.						
	As per Pre-Measurment recorded vide page no.. 356 078.					in this MB. 58.00 M²	3883 : 68
	Rate - 66 : 96						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
(3)	Dismantling beam/ mortar/ cement mor... radious of 50 Mtr a... upto 200 Mtr. etc..	
	As per Pre-M... page no. 35...	
	Rate - 168 : 48	

BOOK

...ions		Contents	Reference to last Measureme...
Breadth 5	Depth 6	7	8
		...ment recorded vide in this MB. 40.00 M²	2030:40
		...roof and stacking the ... 8.00 Mtr within reach ... ...fication and direction ... ...work. ...nt recorded vide in this MB. 58.00 M²	3883:68

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356032

...erial No. ....

...ame of Work .... From.............................. To..................................

...ame of Contractor of nature of Agency ....

...ate of commencement of work ....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(3)	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the serviceable materials within a radius 8.00 Mtr and remove the debris to a distance upto 200 Mtr. etc. complete as per specification. As per pre-measurement recorded vide Page No. 356078 to 356079 in this MB. Rate. 168:48					160.63 M²	27062:94 27063/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(4)	Dismantling size stone Masonry in clay Mortar and stacking the size stone useful in a radius of 500 mm and removing the debris to a distance upto 200 mm etc. complete as per Specification. As per Pre-Measurements recorded vide Page No.- 356079 to 356080 in this MB. Rate. 185.76					110.88 m^3 20597.00	
(5)	Dismantling cement concrete flooring in plain cement concrete work including removing and carrying the debris to distance upto 200 mtr (Concrete thickness of 15 cms) etc.- Complete as per Specification.						

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency
ate of commencement of work .....

ate	Full description, etc, of work	
	2	
		As per Page No.
	Rate. 59.40	
(6)	Earthwork in excavation and foundation & & & Pipeline and	

BOOK

Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
…nry in clay Mortar			
…on in a radius 800 mm			
…distance upto 200 mm			
…cation			
…ents recorded vide			
80	in this MB.		
		110.88 m³	20597.06
…flooring on plain Cement			
…moving and conveying			
200 mm (working average			
…as per specification.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356033

Serial No. ....
Name of Work .... From.................................. To......................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
[signature]	As per pre-measurement recorded vide in this MB. page no. 356080 to 356081					1598.40 M³ 1540.00	94944.96 94446
	Page. 59:40						
(6)	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually Corner such foundation of buildings culverts road drains and trenches of pipeline and cables) and removing the excavated stuff						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to a distance not exceeding 50 mtr and lift upto 1.50 mtr excavated surface cleaned and neatly dressed disposed earth to be leveled after breaking & clod and neatly dressed etc.. complete.						
	As per pre-measurements recorded vide Page No.. 356081 to 356081 in this MB.						
	Page. 169 : 56.					150.66 M^3	
(7)	Lead for Disposal & Debris & waste Material as carriage Rates by Mechanical means including loading and unloading From 0.00 to 2.000 KM etc. complete as per Specification and direction Engineer in charge					25545 : 90 25546	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Quantity
	Page. 73 : 36
(8)	Construction & Gravel Murrum Side Spreading to meet require including cost

K

...epth 6	Contents 7	Reference to last Measurement 8
...tion and ... up to ...ed and neatly dressed ...er spreading & ... ...e. ...of recorded vide	in pag MB. 150.66 M^3	25545:90 25546/-
...e to payable as ...ems including loading ...em etc complete ...of Engineer	incharge ...	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356034

Serial No. ....

Name of Work .... From.................................. To....................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
[signature]	Quantity vide item no. (3) and (6) (160.63 + 150.66) : 311.29 M^3 Rate · 73:36						22836:23
	(8) Construction of embankment with approved material Gravel/Murrum with all lifts and leads transporting to site spreading grading to required slope and compacting to meet requirement table 300-2 complete as per specification including cost of Gravel/Murrum watering charges and compaction						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	by ultrasonic tester to 95% & Proctors density) else.. compact as per Specification. As per Pre-measurement recorded vide Page No.. 35 6081 to 35 8082 in this MB. Rate. 326:16.					118.70 M	3 38715:19
(9)	Earthwork Excavation for foundation & buildings water supply Sanitary Line & electrical conduits river in pits or in trenches 1.50 Mtr above in width in ordinary soil not exceeding 1.50 mtr in depth including dressing the bottom and sides of pits and trenches & necessary						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	the excavated so up to 50 Mtr as per Specification. As per Pre-M Page No.. 35
(10)	Rate. 204:12 Providing and C & Mix 1:4:8 co down size grad

OOK

Depth 6	Contents 7	Reference to last Measurement 8
procedure density) given. recorded vide 2 in orig MB. 118.70 M3		38715.49
ndation & buildings wa[...] cal conduits riser in one in width in ordinary per including dressing d trenches & [...]		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356035

Serial No. ....
Name of Work .... From.............................. To..............................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	the excavated soil clear from edges of excavation with lead upto 50 mtr after breaking & clods etc.- complete as per specification.						
	As per pre-measurement recorded vide page no.. 356082 to 356082 in orig MB.					47.39 M3	9673.24
	Rate. 204.12						
	Providing and laying in position plain cement concrete & mix 1:4:8 with ope cement of 180 of with 40mm and down size graded granite metal coarse aggregate as a 85						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cem mascine mixed Concrete laid in Layers not exceeding 15 cms thick well compacted in foundation including cost & all necessary Lagour H.O.M & Machinery etc. complete. As per Pre-measurments recorded vide page No.. 356082 to 356083 in this M.B. Rate. 5256:36					113.69 M3	597595:36
(11)	Providing and Constructing Granite/Khapi/ Lagar size Stone Masonry in foundation with CM 1:6 Stone hammered dressed in Courses not less than 20 cm. high and Stones as 2.0 Mtr apart in each Courses including cost & necessary etc.. complete.						

M. A. R. S
Measur

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	Le
1	2	3	
	As per pre-measurm page No.. 356084 to Rate - 4359:96		
(12)	Providing and Constructi Masonry in basement dressed in Courses not less Along in each Course in ase., Compressc as p		

Depth 6	Contents 7	Reference to last Measurement 8
...d in laying not ... ...dation including ... ...measuring etc.. comp... ...rded vide page		
.	113.69	M^3
		597595:5
...granite/trap/basalt ...ion WM CM 1:6 ...ges not less than ...r apart in each ...ng etc.. complete:		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356036

Serial No. .... From................................ To................................

Name of Work ....

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
[signature]	As per pre-measurement recorded vide this MB. page NO.. 356084 to 356084 in					27.64 M^3	120509:29
	Rate - 4359:96						
(12)	Providing and constructing granite/trap/basalt size stone Masonry in basement WM CM 1:6 edges of stones chiselled dressed in courses not less than 15 cms with bond stones at 2.0 mtr apart in each course including cost of materials labour charges etc.. complete as per specification etc.. complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	And direction & the Engineer incharge of the work.						
		1	58.50	0.50	0.60	17.55 m^3	
	Rate. 5405=40						94864=77
(13)	Providing and laying in position Plain Cement Concrete						
	& Mix 1:3:6 with OPC Cement @ 220 kgs with 20 mm						
	and down size graded granite metal Coarse aggregate						
	@ 0.84 cum and fine aggregate @ 0.56 cum machine						
	mixed Concrete laid in Layers not exceeding 150 mm						
	well compacted in foundation Plain and Curing including						
	Cost & all necessary Labour HOM & Machinery Curing etc						
	Complete as per Specification and direction & Engineer						
	incharge of the work.						

M. A. P
Meas

Serial No. .....
Name of Work ..... From...
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Plain Concrete	1
	Compound DOP	1
	Rate. 5491:80	
(14)	Providing Flush Pointing	
	Concrete Stone Masonry	
	deep after raking joints	
	including Cost & Mate	

BOOK

...dth	Depth 6	Contents 7	Reference to last Measurement 8

...s in charge of the work.

...50 | 0.60 | $17.55 m^3$

94864.77

plain cement concrete
...of 220 kgs with 20 mm
...metal coarse aggregate
...of 0.56 cum machine
...not exceeding 1 hung ...
...mixing and laying including
...of machinery curing etc
...and direction of Engineer

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356037

Serial No. ....
Name of Work .... From.............................. To..................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Plinth Concrete	1	58.50	0.50	0.15	4.38	
	Compound top	1	43.50	0.20	0.10	0.87	
						5.25	28827.75
	Rate. 5491.80						

(14) Providing flush pointing to square rubble course or uncoursed stone masonry with cement mortar 1:3 20 mm deep after racking joints to depth of 20 mm neatly lining including cost of materials labour curing etc.-complete

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per Specification and direction of Engineer incharge of the work etc.. Complete.						
		1	58.50	0.60	-	35.10 M²	
	Rate. 104:76						3677:07
(15)	Filling available excavated earth (excluding Rock) in sides & foundation upto plinth in layers not exceeding 20 cms in depth Compacting each deposited layers by rammers after watering wherever lead upto 50 m and lift upto 1.50 M including cost & all labour etc. Complete as per Specification and direction of Engineer incharge of the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
	Excavating	
	Rate. 137:16	
(16)	Providing and Constr	
	Concrete block	
	-gity not less than 1	
	Compressive Strength	
	2005 and Constructe	

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
...ven &		Engineer incharge	
60 -		35.10 M²	
		3677:07	
...ath (exceeding Rock)			
...with in lavers not			
...ding each deposited			
...ring work lead upto ...			
...cost & all Labour en...			
...ed direction & Engineer			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356038

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide Sheet no. (9)					47.39 M³	
	Rate. 137:16						6500:01
(16)	Providing and constructing load bearing wall with solid concrete blocks of size 400 x 200 x 200 mm having block density not less than 1800 kg/m³ and having a minimum average compressive strength 5.00 N/mm² conforming to IS 2185 (Part 2) 2005 and constructed with CM 1:4 as per IS 2572-2005						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including cost & all necessary Labour Charges, Scaffolding Curing etc.. complete as per Specification and direction & Engineer incharge of the work.						
	FC	1	43.50	-	1.60	69.60	
	2	2x2	0.45	0.60	-	1.08	
	3/11	1x2	0.90	0.45	-	0.81	
		2x2	0.45	0.60	-	1.08	
		1x2	0.90	0.45	-	0.81	
		2x2	0.45	0.60	-	1.08	
		1	6.00	0.45	-	2.70	
		1	4.55	0.45	-	2.04	

M

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
		2
		2
		2
		2
	Page · 10(1 = 96	
(17)	Providing 20mm th	
	with cement Mortar	

...ENT BOOK

...gth	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
...nitals Casement Charges complete as per Specification incharge of the work.				
.50	-	1.60	69.60	
45	0.60	-	1.08	
90	0.45	-	0.81	
45	0.60	-	1.08	
90	0.45	-	0.81	
45	0.60	-	1.08	
00	0.45	-	2.70	
55	0.45	-	2.04	

M. A. R. 57 (Rule 116)

Measurement Book

No. B 356039

Serial No. ....

Name of Work .... From.................................. To...................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	4.55	0.40	-	4.08	
		2	1.20	0.40	-	0.96	
		2	6.00	0.40	-	5.40	
		2	1.20	0.40	-	0.96	
	Rate - 1011.96					90.70 M2	91784.77 91785/-
(17)	Providing 20mm thick cement plastering in single coat with cement mortar 1:3 to stone masonry and concrete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Surface including rounding off corners wherever required smooth rendering providing and removing Scaffolding including cost of preserving proper curing etc.. complete as per Specification.						
		2	15.00	-	1.60	48.00	
		2	14.00	-	1.60	44.80	
		2	14.50	-	1.60	46.40	
		1	15.00	-	0.40	6.00	
		1	14.00	-	0.40	5.60	
		1	14.50	-	0.40	5.80	
		4×2	0.45	-	0.60	1.62	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
ith			
3		oss Corners measur	
		providing and remov	
		curing Labour curing	
		tion-	
	1.60	48.00	
	1.60	44.80	
-	1.60	46.40	
-	0.40	6.00	
-	0.40	5.60	
-	0.40	5.80	
-	0.60	1.62	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356040

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2x2	0.90	-	0.45	1.44	
		4x2	0.45	-	0.60	3.20	
		2x2	0.90	-	0.45	1.44	
		4x2	0.45	-	0.60	3.20	
		2	6.00	-	0.45	4.80	
		2	4.55	-	0.40	3.64	
		2x2	4.55	-	0.40	7.28	
		2x2	1.20	-	0.40	1.92	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2×2	6.00	-	0.40	9.60	
		2×2	1.20	-	0.40	1.92	
						196.66 M^2	
			Limited to			187.20 M	
	Rate - 238:68					44680 : 89 / 44681	
(18)	Providing and finishing external walls in two coats with Water Proof cement Paint of approved brand and Shade to give an even shade after thoroughly brooming the surface to remove all dust and loose powdered material free from mortar						

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numl
1	2	3
	Drops and other ese.. Compose as Quantity	For Re
	Rate · 90:72	
(19)	Providing and fixi Drawing rising so Work bent to ornam	

...ENT BOOK

...h	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
...0	-	0.40	9.60	
...0	-	0.40	1.92	
			196.66 M²	
...mised to			187.20 M²	
				44680:89 44681

...ng external walls in ...roof cement paint of approv... on even shade after ... surface to remove all dus... ...ital free from mortar.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356041

Serial No. ....

Name of Work .... From.............................. To..............................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Drops and other foreign matter cost of materials labour etc. complete as per specification.						
	Quantity vide item No. (17)					187.20 M²	
	Rate. 90:72						16982:78 16983
	(19) Providing and fixing MS Grate as per chief Architect drawing using 50mm x 50mm 14 gauge MS hollow pipe frame work bent to ornamental shape as shown in the drawing						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and 38mm x 6mm and 16 x 16mm Square Rod @ 8cc verticals alternately spaced at 4cms c/c in two halves and 40mm x 6mm MS flates for horizontal member and at the top cast iron spikes are provided as alternate vertical members as shown in the drawing etc. complete all the steel surface should be thoroughly cleaned free of dust and painted with Anti Corrosive Paint (Shop Paint) etc. complete.						
	Rate : 3168:72	1	15.00	2.25	-	33.75 M²	106914:30
(20)	Providing and fixing MS Grill over existing Compound wall as per civil Architect Drawing no. 12686						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	using 16mm x 16mm and 6mm x 40mm MS Flat for ornamental design of the vertical existing wherever to be thoroughly cleaned Painting etc.. Complete	

CE-C
3/11/2

BOOK

...ns	...eadth 5	Depth 6	Contents 7	Reference to last Measurement 8
...mm square rods for frame etc in two ... for horizontal ... flats are provided ... as shown in the drawing ... shall be thoroughly ... with Anti Corrosive ...				
	2.25	-	33.75	M^2
				106944.30
...ill over existing compound drawing no. 12686				

M. A. R. 57 (Rule 116)

Measurement Book

No. B 356042

Serial No. ....

Name of Work .... From............................ To............................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	using 16mm x 16mm MS square rod at 150mm c/c spacing and 6mm x 40mm MS flats at horizontal and 6mm x 12mm MS flat for ornamental design and providing shop edge design at the vertex of every vertical rods including welding grinding wherever necessary all the steel surface should be thoroughly cleaned free of dust and painted with anti corrosive paint etc.. complete as per specification.						
	CE FC 3/11	1	15.00	-	0.60	9.00	
		1	14.00	-	0.60	8.40	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
	C&FC Rate. 5641.92	1	14.50	-	0.60	8.70 26.10 m²	
						147254.11	
(21)	Providing and laying heavy duty cobble stones 60mm thick interlock paving using cement and course sand for manufacturer & blocks of approved size shape and colour with a minimum compressive strength of 28 kg per sq mtr over 50mm thick sand bed (average thickness) and compacting plate which having 3 tons compression force through fine sand & sand material to come up between joints						

M.

Serial No. ....

Name of Work .... F

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Numb 3
	including cost of me... specification.	
		1
		1
	Rate - 966.72	1
(22)	Providing and fixing flooring threads size ... cement mortar ...	

BOOK

...sions				
Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
-	0.60	8.70	
		26.10 m2	147254:11

...dary cobble stones
...ng fixing cement and
... & places of approval.
... minimum compressive
... over 50mm thick sand
... compressing place when
... sense dusty fencing
... [illegible] between [illegible]

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356043

Serial No. ....

Name of Work .... From.............................. To..............................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	including cost of materials etc. complete as per specification.						
		1	15.00	3.00	-	45.00 M2	85265-
		1	30.00	0.90	-	27.00 M2	43502:40
		1	18.00	0.90	-	16.20 M2	
	Rate - 966:72					88.20 M2	
(22)	Providing and fixing ceramic tiles of size 400x400mm for flooring threads steps and landings laid on a bed of 20mm flooring thick cement mortar 1:3 mix flush pointing with white cement						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	mixed with materials colours Pigments including curing cleaning etc.. complete the work includes cost of all materials labour charges scaffolding & other charges for equipments etc.. complete as per specification	1	15.00	2.50	-	37.50	
		1	15.00	1.50	-	22.50	
		1	15.00	1.35	-	20.25	
		1	15.00	2.00	-	30.00	
	Rate: 1161:00					110.25 M^2	128008
(23)	Providing Rough cement and cement concrete pers stones	fixing pre cast solid		made out of c.c 1:2:4			

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	work Top and bottom co... with and 450 mm in ... finishing ... including ... all materials labour ... specification.	1
	Rate: 338:04	
(24)	APPLYING priming c... based surface as...	

OK

Depth 6	Contents 7	Reference to last Measurement 8
ing including curing including Cost & all e items & wastage ness as per Specification		
-	37.50	
-	22.50	
-	20.25	
-	30.00	
	110.25 M^2	128000 : 25
ing RCC cast Solid lab & Cs 1:2:4		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356044

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	RCC DP and bottom coping 114 and 165 mm wide respectively 400 mm wide and 400 mm in length finished RCC CM 1:3 plastered and finishing coping including forming curing including cost & all materials labour wastage etc. complete as per specification.						
		1	30.00	-	-	30.00 Mtr	
				30.00 / 0.45 =		66.66 Nos	22537 : 00
	Rate : 338 : 04						
(24)	Applying priming coat over new surface and or wood based surface after preparing the surface as per manufacturer						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cleaning oil grease dirt and foreign matters sand papering and brushing inside wood silver varnish including cost & materials labour etc. complete as per specification.						
		1	30.00	–	0.30	9.00 M²	
							399:60
	Rate. 44:28						
(25)	Providing and applying painting two coats (excluding primers coat) on new, wood surface and or wood based surface with enamel paint to give uneven shade cleaning the surface & all materials including cost & materi						

M. A. R.
Measu

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Labour Complete as per	
		1
	Rate. 90:72	
(26)	Supplying and fixing etc. complete as per Engineer incharge & the	

...OOK

Depth 6	Contents 7	Reference to last Measurement 8
...gen	masser sand	
...ood	filter for varner	
...n etc..	complete as	
0.30	9.00 M^2	
		399.60
...f two	coats Ceramics	
...ace	and on wood based	
...on even	shade cleaning	
...ending	cost & measur...	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356045

Serial No. ....

Name of Work .... From.................................. To...

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Labour Complete as per Specification.						
	[signature]	1	30.00	-	0.30	9.00 M^2	816 ~~616.00~~
	Rate - 90.72						
	(26) Supplying and fixing granite benches to the parks etc.. complete as per specification and dimension & Engineer incharge & the advice. etc.. complete as per						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Specification and direction & Engineer incharge of the work etc complete.						
		13	–	–	–	13 Nos	
	Rate . 10550=00						137150=00
	(27) Providing and laying cement concrete using 20mm and down size granite coarse aggregate and fine aggregate of ready mixed concrete (RMC) M 20 for RCC consisting in leveling thicke laying and well compacted vibrating curing for raft foundation column footings main and secondary beams with all lead and lifts etc.. complete exclusive & cost of steel and reinforcement centring) etc..						

Serial No. ....
Name of Work ....
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Nu
	[signature] CE,FC 3/11	
	Rate . 6231=74	

OK

Depth 6	Contents 7	Reference to last Measurement 8
...ngineer incharge of the		
-	13 Nos	
		137150=00

...crete using 20mm ...
...aggregate and sand admixture
...for RCC consisting
...compacted ...
...footings Main and
... complete
... curing etc.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356046

Serial No. ....
Name of Work .... From.............................. To..............................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	24.00	4.20	0.10	10.08	
		1	30.00	(4.80+5.20)/2	× 0.10	15.00	
		1	30.00	(5.20+5.15)/2	× 0.10	15.52	
		1	23.00	(5.15+5.10)/2	× 0.10	11.78	
		1	7.00	4.00	0.10	2.80	
	Rate. 6231=74					55.00 M^3	342746=00

CE FC
3/11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(28)	Vaccum de. watering with vacuum mat and compression with skin floater disc including cost & Generator Screed vibrator Power Floater complete as per Specification.					Pump and suction Cleaned with steam & machinery finish and desired.	
		1	24.00	4.20	-	100.80	
		1	30.00	$\frac{(4.80+5.20)}{2}$		150.00	
		1	30.00	$\frac{(5.20+5.15)}{2}$		155.25	
		1	23.00	$\frac{(5.15+5.10)}{2}$		117.87	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Page. 95 : 40	
(29)	Providing groove c depth 80mm. 100mm and rate & machinery including cleaning	

Depth 6	Contents 7	Reference to last Measurement 8
m	Pump and Suction	
er	Cleaned with Steam	
om	& machinery	
ade	and deposit ese.	
	100.80	
0)	150.00	
)	155.25	
)	117.87	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356047

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	7.00	4.00	-	28.00	
						550.00 m2	
	Page. 95:40						52470:00
(29)	Providing groove cutting generally 8 5 mm & 10 mm and depth 50 mm. 100 mm including cost & cutting machine generally and room & machinery including cost & blade coolant ese.. including cleaning & groove and providing sand and hot						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Providing fixing and giving metal edge including cost & conveyance & all materials labour load and lowering and all other incidental charges as per drawing and as per specification etc. complete at the						
		8	4.20	-	-	33.60	
		10	5.00	-	-	50.00	
		10	5.15	-	-	51.50	
		8	5.10	-	-	40.80	
		1	24.00	-	-	24.00	

cbfc

29/10/2019

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Rate - 121:90	

29/10/18

Depth 6	Contents 7	Reference to last Measurement 8
ese -- including cost ... lead and ... as per drawing ... of the ...		
–	33.60	
–	50.00	
–	51.50	
–	40.80	
–	24.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356048

Serial No. ....

Name of Work .... From................................ To....................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	83.00	–	–	83.00	
						282.90 MW	
	Rate - 121:90			Limited to		275.00 MW	33523:00 / 2307317-00
					Total Rs -		~~2314048:00~~ 230732-00
			Add 10% KRIDL Charge Rs.				~~231405:00~~ 23073-
			Add 1% Labour cess Rs.				~~23140:00~~
					Total Rs -		~~2568593:00~~ 25,61,122-00

29/10/18

ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ.

2/11/2018

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate.						
	(1) Certified that the work done satisfactory						
	(2) This bill Amount has not been claimed in any of previous bill.						
	29/10/18						
	ಸಹಾಯಕ ಅಭಿಯಂತರರು						
	ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						
	29/10/2018						
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು						
	ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						
	ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	To Sampigehalli	Kogile Gudda Co
	To Beelahalli	

ಸಹಾಯಕ

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟ

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		that the Work done Basis Agreement has not been any previous Bill.	
		29/10/2018	
		ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬಾಯಿಸುವ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356049

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	To Sampangiram Nagar Kogile Indiracanteen AK colony To Beelahalli				—	Compound To Yelahanka	
						29/10/2018 ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬಾಯಿಸುವ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24	
						29/10/2018 ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬಾಯಿಸುವ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Co	Reference to last easurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8
						Total Rs: 25,61,122-	
						IT- 51222-	
						CM- 25611-	
						CBF- 2561-	
						CR- 7683-	
						IFSD-128056-	
						CGST- 25611-	
						SGST- 25611-	
						Add: 266355-	
						Cheque 22,94,767-	

ಒಟ್ಟು ಹಣ ರೂ. 25,61,122-00

ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ. 266355-00

ಮಾಡಿಕೊಂಡು ಉಳಿದ ಹಣ ರೂ. 2294767-00

Rs. Twenty two Lakh ninety four thousand seven hundred sixty seven only

ಸುಪಾರ್ದ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು

ಕಾ ಪಾ. ಅ.

ಬ್ಯಾಟರಾಯನಪುರ ವಿ ಕಾ

ಬೃ. ಬ. ಮ. ಪಾ

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3